



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

¶ In re Patent Application of)
Robert H. Oakley, et al.) Group Art Unit: 1646
Application No.: 09/993,844) Examiner: John D. Ulm
Filed: November 5, 2001) Confirmation No.: 8005
For: Modified G-Protein Coupled Receptors)

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

A fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, the document is / documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450 on March 30, 2004.

by Sandra B. Payne
Sandra B. Payne

APR 01 2004

**SECOND
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/993,844		
Filing Date	November 5, 2001		
First Named Inventor	Robert H. Oakley, et al.		
Examiner Name	John D. Ulm		
Attorney Docket Number	033072-026		
Sheet	1	of	1

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	BORLE, A.B., <i>An Overview of Techniques for the Measurement of Calcium Distribution, Calcium Fluxes, and Cytosolic Free Calcium in Mammalian Cells</i> , <u>Environmental Health Perspectives</u> , March 1990, pp. 45-56, Vol. 84, U.S. Dept of Health and Human Services, U.S.A.
	BOSS, V., et al., <i>Induction of NFAT-mediated Transcription by G_q-coupled Receptors in Lymphoid and Non-lymphoid Cells</i> , <u>The Journal of Biological Chemistry</u> , May 3, 1996, pp. 10429-10432, Vol. 271, No. 18, The American Society for Biochemistry and Molecular Biology, Inc., USA.
	CHEN, W., et al., <i>β-Arrestin 2 Mediates Endocytosis of Type III TGF-β Receptor and Down-Regulation of Its Signaling</i> , <u>Science</u> , September 5, 2003, pp. 1394-1397, Vol. 301, American Association for the Advancement of Science, USA.
	EDGE, M.D., et al., <i>Total synthesis of a human leukocyte interferon gene</i> , <u>NATURE</u> , August 20, 1981, pp. 756-762, Vol. 292, No. 5825, American Chemical Society, Macmillian Journals, Ltd.
	INGLESE, J., et al., <i>Isoprenylation in regulation of signal transduction by G-protein-coupled receptor kinases</i> , <u>Nature</u> , September 10, 1992, pp. 147-150, Vol. 359, No. 6391, Macmillian Journals, Ltd.
	JAY, E., et al., <i>Chemical Synthesis of a Biologically Active Gene for Human Immune Interferon-γ</i> , <u>The Journal of Biological Chemistry</u> , May 25, 1984, pp. 6311-6317, Vol. 259, No. 10, The American Society of Biological Chemists, Inc., USA.
	LYONS, S., et al., <i>An immunological method for detecting gene expression in yeast colonies</i> , <u>Proceedings of the National Academy of Sciences USA</u> , December 1984, pp. 7426-7430, Vol. 81.
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	NOREN, C.J., et al., <i>A General Method for Site-Specific Incorporation of Unnatural Amino Acids into Proteins</i> , <u>Science</u> , April 14, 1989, pp. 182-188, Vol. 244, American Association for the Advancement of Science, USA.

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.